|     | Index of Claims  |          |               |          |         |         |                        |         |         |                        |              |                 |           | Application/Control No. |               |         |          |              |                      |           |              |            | Applicant(s)/Patent under Reexamination |                 |        |         |          |                        |        |          |    |   |
|-----|--|----------|---------------|----------|---------|---------|------------------------|---------|---------|------------------------|--------------|-----------------|-----------|-------------------------|---------------|---------|----------|--------------|----------------------|-----------|--------------|------------|---|-----------------|--------|---------|----------|------------------------|--------|----------|----|---|
|     | LITTO I MAR TO HE LANGE OF THE COLLEGE OF THE COLLE |          |               |          |         |         |                        |         |         |                        |              |                 |           |                         | 10/706,271    |         |          |              |                      |           |              |            |   | NAITO ET AL.    |        |         |          |                        |        |          |    |   |
|     |  |          |               |          |         |         |                        |         |         |                        |              |                 |           |                         | Examiner      |         |          |              |                      |           |              |            | Ar                                      | t Ur            | iit    |         |          |                        |        |          |    |   |
|     | Ju   |          |               |          |         |         |                        |         |         |                        |              |                 |           |                         | Justin Krause |         |          |              |                      |           |              |            |   | 3682            |        |         |          |                        |        |          |    |   |
|     | √ Rejected   |          |               |          |         |         |                        |         | -       |                        |              | (Through numera |           |                         |               | al) N N |          |              | Non-Elected          |           |              |            | A                                       | Appeal          |        |         |          |                        |        |          |    |   |
|     |  |          |               |          | Allowed |         |                        | -       | ÷       |                        | Restricted   |                 |           | 1                       |               |         | 1        | Interference |                      |           | 0            | Objected   |   |                 |        |         |          |                        |        |          |    |   |
| . [ | Cla  | im       | Dat           |          |         |         | 8                      |         |         | ]                      | Claim        |                 |           |                         |               | Dat     | e        |              |                      |           | CI           | Claim      |   | Dat             |        |         | e        |                        |        | ]        |    |   |
|     | Final  | Original | 10/19/05      | 7015/16  |         |         |                        |         |         |                        | Final        | Original        |           |                         |               |         |          |              |                      |           | Final        | Original   |   |                 |        |         |          |                        |        |          |    |   |
| }   |  | 1        | 1             | V        | ╁       | +       | H                      | +       |         | }                      |              | 51              | Н         | $\pm$                   | +             | $\pm$   |          |              | $\exists$            | Ⅎ         |              | 101        |   | $\pm$           | $\pm$  | $\perp$ |          | H                      | $\pm$  | }        |    |   |
| (   |  | 2        | 7             | 1        | 1.      |         |                        | 1       | 1       | ]                      |              | 52<br>53        | $\square$ | $\Box$                  | $\top$        | $\bot$  |          |              | $\dashv$             | 4         |              | 102<br>103 |   | $\dashv$        | $\mp$  | F       | F        |                        | 4      | 4        |    |   |
| į   |  | 4        | 7             |          | $\pm$   |         |                        | +       | +       | }                      |              | 54              |           | $\exists$               | $\pm$         | $\pm$   |          |              |                      | _         |              | 104        |   |                 | 士      | 上       | 上        |                        | 士      | 1        |    |   |
|     |  | 5<br>6   | 7             | 7        | $\bot$  | $\perp$ |                        | _       | 1       | ]                      |              | 55<br>56        | $\Box$    | $\dashv$                | 4             | $\bot$  | L        |              | -                    | 4         |              | 105<br>106 | $\vdash$                                |                 | 4      | -       | <u> </u> | $\vdash$               | +      | 4        |    |   |
|     |  | 7        | _             | 1        | +       | -       |                        | 士       | _       | }                      |              | 57              |           | $\exists$               | $\pm$         |         |          |              |                      |           |              | 107        |   |                 | 士      | 士       |          |                        | 士      | <u></u>  |    |   |
|     |  | 8        |               |          |         |         | П                      | 4       | 4       | ]                      |              | 58<br>59        | П         | $\exists$               | 4             | $\bot$  | L        |              | _                    | $\exists$ |              | 108<br>109 |   |                 | +      | +       | ┡        | Н                      | -      | 4        |    |   |
|     |  | 9        | -             | $\vdash$ | +-      | +-      | $\vdash$               |         | +       | $\left\{ \ \ \right\}$ | -            | 60              | ╁┤        | -                       | +             | +       | -        | Н            | +                    | $\dashv$  | $\vdash$     | 110        | Н                                       | +               | +      | ╁       | ╁╌       | H                      | 十      | 1        |    |   |
|     |  | 11       |               | $\Box$   | 丰       | $\perp$ |                        |         | 工       | 1                      |              | 61              | П         | $\Box$                  | 丰             | 1       |          |              |                      | $\exists$ |              | 111        |   |                 |        | Ţ       |          | П                      | $\top$ | ]        | •  |   |
|     |  | 12       | Н             | $\vdash$ | +-      | ┿       | Н                      | +       | ╁       | $\{$                   |              | 62<br>63        | $\vdash$  | ┥                       | ╌             | - -     | ⊢        | Н            | $\dashv$             | $\dashv$  | $\vdash$     | 112        | ╌                                       | +               | +      | ╫       | ╁        | $\vdash$               | +      | -        |    |   |
|     |  | 14       |               |          |         |         |                        |         | 土       | 1                      |              | 64              | 口         | コ                       |               |         |          |              |                      |           |              | 114        |   |                 | 工      | 上       |          |                        |        | 1        |    |   |
|     |  | 15<br>16 | Ш             | $\vdash$ | +       | +       | $\sqcup$               | +       |         | ┨                      | _            | 65<br>66        | $\vdash$  | 4                       | +             | +       | ╀        | Н            | $\dashv$             | -         | $\vdash$     | 115<br>116 | $\vdash$                                | +               | -      | ╁       | ╀        | $\vdash \vdash$        | +      | ┨        |    |   |
|     |  | 17       | -             | H        | +       | +       |                        | 1       | +       | 1                      |              | 67              | $\Box$    | 7                       | $\top$        | $\perp$ | t        |              |                      |           |              | 117        | $\vdash$                                |                 |        | 土       |          | 廿                      |        | 1        |    |   |
|     |  | 18       |               |          | $\perp$ |         |                        | $\perp$ |         | ]                      |              | 68              | $\Box$    | $\Box$                  | $\Box$        |         | $\Box$   |              | $\Box$               | $\exists$ |              | 118        |   | 4               | -      | F       | F        | П                      | 1      | 4        |    |   |
|     |  | 19<br>20 | H             | $\vdash$ | ╁       | +       | H                      | +       | +       | ┨                      | -            | 69<br>70        | ┼╌┤       | $\dashv$                | +             | +       | ╀        | Н            | $\dashv$             | $\dashv$  | $\vdash$     | 119<br>120 | $\vdash$                                | $\dashv$        |        | ╁       | ╁╴       | ╁                      | ╅      | -        |    |   |
|     |  | 21       |               |          |         |         |                        |         |         | 1                      |              | 71              |           | $\Box$                  | 丰             |         |          |              |                      |           |              | 121        |   | 耳               |        | 工       |          |                        |        | ]        |    |   |
|     |  | 22<br>23 |               | $\vdash$ | +       | +       | H                      | -       | ╁       | ┨                      |              | 72<br>73        | ┦┤        | 4                       | +             | -       | ╀        |              | -                    |           | -            | 122<br>123 | -                                       | +               | +      | ╁       | ╀        | H                      | +      | $\dashv$ |    |   |
|     |  | 24       | -             | H        | ╅       | +       | H                      | +       | 十       | 1                      |              | 74              | $\vdash$  | +                       | +             | +       | <u> </u> |              |                      | $\dashv$  | <u> </u>     | 124        |   |                 | $\pm$  |         | 士        |                        |        | _        |    |   |
|     |  | 25       |               | П        |         | $\perp$ |                        | 1       | 1       | ]                      |              | 75              |           | $\exists$               | $\Box$        |         |          |              | $\Box$               | $\Box$    |              | 125        |   |                 | $\top$ | $\bot$  | L        |                        | ·      | 7        |    |   |
|     |  | 26<br>27 | $\vdash$      | $\vdash$ | +       | +-      | $\left  \cdot \right $ | +       | +       | ┨                      | <u> </u>     | 76<br>77        | $\vdash$  | $\dashv$                | +             | ╁       | ⊦        | Н            | $\vdash$             | $\dashv$  | -            | 126<br>127 | -                                       | $\vdash$        | ╁      | ╁╌      | ╁        | $\vdash$               | +      | $\dashv$ |    |   |
| •   |  | 28       |               |          |         |         |                        | 1       | 1       | 1                      |              | 78              |           | 士                       | 土             | -       | 上        |              |                      | ゴ         |              | 128        |   |                 |        |         |          |                        |        | 1        |    |   |
|     |  | 29       |               | Ц        | 4-      | 1       | П                      | 4       | 4       | }                      |              | 79<br>80        | $\sqcup$  | 4                       | -             | 4       | L        | Ш            | $\sqcup$             | 4         |              | 129<br>130 | -                                       | $\vdash$        | +      | +       | ╀        | Н                      | +      | ┥        |    |   |
|     |  | 30<br>31 | -             | ╁        | +       | ╁       | Н                      | -+      | ╁       | ┨                      | -            | 81              | $\vdash$  | $\dashv$                | -             | +       | ╁        | H            | Н                    | $\dashv$  |              | 131        | $\vdash$                                | $\vdash$        | ╅      | ╅╴      | +        | $\vdash$ †             | +      | 1        |    |   |
|     |  | 32       |               |          |         |         |                        | #       |         | 1                      |              | 82              | П         |                         | ユ             | 1       |          |              |                      |           |              | 132        |   | $\Box$          | 1      | 1       |          | П                      |        | ]        |    |   |
|     |  | 33<br>34 | -             | ₩        | +       | +       | ╌┤                     | -+      | +       | -                      | <del> </del> | 83<br>84        | Н         | ᅱ                       | $\dashv$      | +-      | ╀        | H            | Н                    | $\dashv$  | -            | 133<br>134 | 1                                       | $\dashv$        | +      | +       | ╁        | Н                      | +      | ┨        |    |   |
|     |  | 35       |               |          |         |         |                        | 士       | 1       | 1                      |              | 85              |           |                         | 士             |         |          |              |                      |           |              | 135        |   |                 | 土      | 土       |          |                        | 土      | 1        |    |   |
|     |  | 36       |               | П        | 4       | 工       | $\Box$                 |         |         | ]                      |              | 86              |           | $\dashv$                | $\dashv$      | 1       | $\vdash$ |              |                      | $\Box$    |              | 136        |   | $\perp$         | 4      |         | $\perp$  |                        | -      | 4        |    |   |
|     |  | 37<br>38 | -             | ╁        | +       | ╫       | $\vdash$               | +       | ╁       | d                      | -            | 87<br>88        | Н         | 긤                       | $\dashv$      | ╁       | H        | H            | $\dashv$             | _         | <del> </del> | 137<br>138 | ╁                                       | $\vdash \vdash$ | ╁      | +       | ╁        | $\vdash$               | +      | ┨        |    |   |
|     |  | 39       |               |          |         |         |                        | 士       |         | 1                      |              | 89              | 口         |                         | 士             |         |          |              |                      | ゴ         |              | 139        |   |                 |        |         |          |                        | 丰      | 1        |    |   |
|     |  | 40       | ┡             | $\vdash$ | +       | +       | $\vdash$               | +       | -       | -                      |              | 90              | $\vdash$  | -                       | +             | ╬       | ╀        | ⊢            | Н                    | 4         | $\vdash$     | 140        | ╀╌                                      | Н               | +      | +-      | ╀        | $\left  \cdot \right $ |        | -        |    | • |
| ľ   |  | 42       |               |          |         | 士       |                        | 士       |         | 1                      |              | 92              |           |                         | $\pm$         | 士       |          |              |                      | $\exists$ |              | 142        | $\Box$                                  | $\Box$          | 土      | 士       |          | 口                      | 土      | 1        | ٠. |   |
|     |  | 43       | $\sqsubseteq$ | П        | $\top$  | F       | $\square$              | 7       | $\perp$ | ]                      |              | 93              | $\square$ | $\exists$               | 1             | Ţ       | F        | Į.           | П                    | $\exists$ |              | 143        | F                                       | $\Box$          | T      | I       | L        | H                      | $\bot$ | -        |    |   |
|     |  | 44<br>45 | -             | ┼┼       | +       | +       | $\vdash \vdash$        | +       | +       | +                      | -            | 94<br>95        | +         |                         | +             | +       | ╁        | -            | ${oldsymbol{ec{H}}}$ | $\dashv$  | -            | 144        |   | ┝┼              | +      | +-      | ╁        | ╁┤                     | +      | $\dashv$ |    |   |
|     |  | 46       |               |          | $\perp$ | 二       | 口                      | 士       |         | 1                      |              | 96              | 口         |                         | 丰             | 工       |          |              | 口                    |           |              | 146        |   | 口               | $\bot$ |         |          | $\square$              | 丰      | ]        |    |   |
|     |  | 47<br>48 | -             | H        | +       | +       | ╂╌╂                    | $\perp$ | +       | $\cdot$                | <u> </u>     | 97<br>98        | $\vdash$  |                         | +             | +       | ╀        | $\vdash$     | $\vdash \vdash$      | $\dashv$  | -            | 147<br>148 | ⊬                                       | ⊢┼              |        | +       | +-       | $\vdash$               | +      | $\dashv$ |    |   |
|     |  | 49       |               |          | _       | 1       | ┟┤                     |         |         | _                      |              | 99              |           | _                       | $\pm$         | 士       |          |              | H                    | $\exists$ |              | 149        |   | Ħ               | 士      | 1       |          | 口                      | 士      | j        |    |   |
|     |  | 50       |               |          | $\top$  | T-      |                        | $\top$  |         | 7                      |              | 100             |           |                         | $\top$        | Т       | T        | П            | П                    |           |              | 150        | Г                                       | iΤ              | Т      | Т       | 1        | П                      | T      | 1        |    |   |